

**MAGNETORESISTIVE SENSOR AND MAGNETORESISTIVE HEAD,  
AND MANUFACTURING METHOD THEREOF**

**ABSTRACT OF THE DISCLOSURE**

In a magnetoresistive head according to the present invention, a magnetic domain control film formed at the end of a free layer of a stack of magnetoresistive layers is formed of a Co alloy film, and an underlayer controlling the crystallization state of the Co alloy film and an amorphous metal film layer for controlling the crystallization state of the underlayer are disposed below the magnetic domain control film.

60037417 v1